

**REMARKS/ARGUMENTS**

1. Rejection of claims 1-4, 6-7, 9-12, and 14-15 under 35 U.S.C. 102(e):

Claims 1-4, 6-7, 9-12, and 14-15 are rejected under 35 U.S.C. 102(e) as being anticipated by Syrbe et al. (US 2006/0146009).

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**Response:**

Independent claims 1 and 10 have been amended to overcome these claims rejections. Claims 1 and 10 have both been amended to state that the image-capturing module captures an image of a user's facial pattern. This amendment is fully supported in the specification, such as in paragraphs [0016] and [0017], and no new matter has been added.

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The present invention captures an image of the user's facial pattern, compares the image to previously stored images, and boots the mobile phone when the image matches a previously stored image.

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Syrbe teaches in Figure 4 steps 90, 92, and 94 along with paragraphs [0116] to [0118] that a captured image is compared with previously captured images. When a change in the image is detected, the settings of the phone such as zoom factor or rotation angle are changed according to the image differences.

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However, Syrbe does not teach capturing an image of a user's facial pattern, as is recited in the currently amended claims 1 and 10. Syrbe teaches in paragraph [0008] that a digital camera can capture motion video or still images, but does not teach or suggest capturing an image of a user's facial pattern for comparison with previously stored images. Furthermore, Syrbe does not teach booting the phone when the captured image of the facial pattern matches a previously captured image.

5 Odle et al. (US 6,927,668) teaches in column 4, lines 6-25 that an image of a fingerprint is used to form a template of the fingerprint, which is then compared to templates stored in memory. In spite of this, Odle does not teach capturing an image of a user's facial pattern, or comparing the image of the facial pattern to previously stored image data.

10 Therefore, the combination of Syrbe and Odle fails to teach all of the limitations in the currently amended claims 1 and 10. Claims 2-4, 6, 9, 11-12, and 14-15 are dependent on claims 1 and 10, and should be allowed if their respective base claims are allowed. Reconsideration of claims 1-4, 6, 9-12, and 14-15 is therefore respectfully requested.

2. Rejection of claims 8 and 16 under 35 U.S.C. 103(a):

15 Claims 8 and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Syrbe et al. (US 2006/0146009) in view of Odle et al. (US 6,927,668).

**Response:**

20 Claims 8 and 16 are cancelled, and the limitations of these claims were previously added to independent claims 1 and 10.

3. Rejection of claims 5 and 13 under 35 U.S.C. 103(a):

25 Claims 5 and 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Syrbe et al. (US 2006/0146009).

**Response:**

Claims 5 and 13 are dependent on claims 1 and 10, and should be allowed if their respective base claims are allowed. Reconsideration of claims 5 and 13 is

therefore respectfully requested.

4. Introduction to new claims 17 and 18:

5           New claims 17 and 18 further limit claims 1 and 10 by specifying that the  
image captured by the image-capturing module is an infrared pattern of a user's face.  
These new claims are fully supported in paragraphs [0017] and [0026], and no new  
matter is added.

10           By capturing infrared patterns of a user's face, the recognition rate of the user  
can be improved, and the face recognition can also be accurately performed in a  
low-luminance condition.

15           In contrast, the cited prior art does not teach capturing infrared patterns of a  
user's face, and therefore does not teach the limitations contained in new claims 17  
and 18. Consideration of claims 17 and 18 is respectfully requested.

20           In view of the claim amendments and the above arguments in favor of patentability,  
the applicant respectfully requests that a timely Notice of Allowance be issued in this  
case.

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Sincerely yours,

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Date: 08.07.2007

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- 10 Note: Please leave a message in my voice mail if you need to talk to me. (The time in D.C. is 12 hours behind the Taiwan time, i.e. 9 AM in D.C. = 9 PM in Taiwan.)